

REMARKS/ARGUMENTS

CLAIM REJECTIONS UNDER 35 USC 103

Claims 1, 2, 16, 17, 30, 31, 32, 33, 46, and 47 are rejected under 35 USC 103(a) as being unpatentable over Applicant's admitted prior art (Aapa) in view of United States patent no. 5,894,554 to Lowery et al. Applicants respectfully traverse this rejection for the reasons that follow.

Claim 1 recites a method including receiving a single request specifying a plurality of content components, and then generating a plurality of information requests for the content. Neither aapa nor Lowery et al., nor any combination thereof, teaches or suggests this feature. The Examiner cited page 3, lines 10-21 of Applicants' specification to meet this feature. However, that section only describes the user screen that is illustrated at Applicants' Figure 1 that displays multiple content components. It does not describe the process by which the components are obtained for display.

Claim 1 further recites sending each information request to the component server hosting the content corresponding to the information request before receiving a response to any of the information requests. Neither aapa nor Lowery et al., nor any combination thereof, teaches or suggests this feature. The Examiner cited col. 4, lines 40-53 and col. 6, lines 20-32 of Lowery et al. to meet this feature. However, these descriptions only refer to sending multiple requests for multiple content components from multiple web sites, while neither teaching nor suggesting to do so before receiving a response to any of the information requests.

Claims 16, 31 and 46 are allowable for the same reasons as claim 1. Claim 2 is allowable as being based on claim 1. Claims 17 and 30 are allowable as being based on claim 16. Claims 32 and 33 are allowable as being based on claim 31. Claim 47 is allowable as being based on claim 46.

Claims 3, 13, 14, 15, 18, 28, 29, 30, 33, 43, 44, 45, 48, 58, 59 and 60 are rejected under 35 USC 103(a) as being unpatentable over aapa, in view of Lowery et al., in further view of United States patent no. 6,675,212 to Greenwood. Applicants respectfully traverse this rejection for the reasons that follow.

Claims 3, 13, 14 and 15 are allowable as being based on claim 1. Claims 18, 28, 29 and 30 are allowable as being based on claim 17. Claims 33, 43, 44 and 45 are allowable as being based on claim 31. Claims 48, 58, 59 and 60 are allowable as being based on claim 46.

In addition, claim 3 recites that if no response is received from a component server prior to a timeout period, then carrying out the steps of forming the personalized web page and transmitting the personalized web page to the client without waiting for the response. None of aapa, Lowery et al. nor Greenwood, nor any combination thereof, teaches or suggests this feature. The Examiner cited col. 9, lines 1-35 and Figure 3A of Greenwood to meet this feature. However, Greenwood teaches to kill the task altogether at step 326 when a delay is deemed not to be temporary at step 324. The process of Greenwood then returns to monitoring data requests at step 302 while not carrying out the steps of forming and transmitting a personalized web page without waiting for the response. In the event of a temporary delay, Greenwood teaches to send a new request and/or kill the request if a maximum number of requests are made or if sufficient progress has not been made.

Claims 18, 33 and 48 are allowable for the same additional reason as with claim 3. Claims 28 and 29 are further allowable as being based on claim 18. Claims 43 and 44 are further allowable as being based on claim 33. Claims 58 and 59 are further allowable as being based on claim 48.

In addition, claim 15 recites generating a state machine. The Examiner cited col. 7, lines 29-40 and col. 9, lines 1-49. However, these descriptions of

Greenwood do not teach or suggest generating a state machine. As understood, a state machine maps an ordered sequence of input events into a corresponding sequence of output events. A state machine can take a current state and an input event, and return a new set of output events and the next state. For example, Applicants describe, at page 17, lines 4-9 and page 19, line 1-page 20, line 24, an HTTPRequest object that is in one of five states and that may be a state machine having these five states. Claims 30, 45 and 60 are allowable for the same additional reason as with claim 15.

Claims 4-12, 19-27, 34-42 and 49-57 are rejected under 35 USC 103(a) as being unpatentable over aapa in view of Lowery et al., in further view of Greenwood, and in still further view of United States patent no. 6,327,628 to Anuff et al. Applicants respectfully traverse this rejection for the reasons that follow.

Claims 4-12 are allowable being based on claim 1. Claims 19-27 are allowable as being based on claim 18. Claims 34-42 are allowable as being based on claim 33. Claims 49-57 are allowable as being based on claim 48.

In addition, claim 6 recites that the converting of responses to a common data format are performed at the respective component servers. The Examiner cited col. 5, lines 10-19 and 40-65 of Lowery et al. to meet this feature. However, Lowery et al. merely teach a dispatcher that is located on a separate machine from a main server, without teaching or suggesting that converting into a common data format is performed on content component servers. Claims 21, 36 and 51 are further allowable for the same additional reason as claim 6.

In addition, claim 7 recites that the converting step is performed at a main server, and that the main server also receives the single request from that user and transmits the personalized web page to the client. The Examiner cited col. 2, lines 60-67, col. 4, line 16-col. 5, line 67 and the Abstract of Anuff et al. to meet this feature. However, the portal service component of Anuff et al. merely

provides access to objects *within the architecture* (col. 5, lines 8-9) and serves as a single point of retrieval for objects *within the architecture* (col. 5, lines 24-25). Anuff et al. do not teach or suggest that a format converting step is performed on the portal service component, i.e. for converting content from one format architecture to another format architecture.

Claims 22, 37 and 52 are further allowable for the same additional reason as claim 7. Claims 8-12 are further allowable as being based on claim 7. Claims 23-27 are further allowable as being based on claim 22. Claims 38-42 are further allowable as being based on claim 37. Claims 53-57 are further allowable as being based on claim 52.


In view of the above, it is respectfully submitted that the application is now in condition for allowance. The Examiner's reconsideration and further examination are respectfully requested.

The Commissioner is authorized to charge any deficiencies in fees and credit any overpayment of fees to Deposit Account No. 07-1896. A duplicate page is enclosed.

Respectfully submitted,

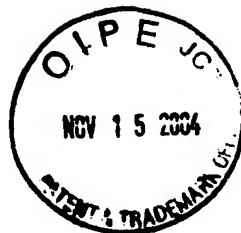
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Dated: 11-11-04

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provides access to objects *within the architecture* (col. 5, lines 8-9) and serves as a single point of retrieval for objects *within the architecture* (col. 5, lines 24-25). Anuff et al. do not teach or suggest that a format converting step is performed on the portal service component, i.e. for converting content from one format architecture to another format architecture.

Claims 22, 37 and 52 are further allowable for the same additional reason as claim 7. Claims 8-12 are further allowable as being based on claim 7. Claims 23-27 are further allowable as being based on claim 22. Claims 38-42 are further allowable as being based on claim 37. Claims 53-57 are further allowable as being based on claim 52.

In view of the above, it is respectfully submitted that the application is now in condition for allowance. The Examiner's reconsideration and further examination are respectfully requested.

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DUPLICATE

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